

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011124\
 Data File : BF137035.D
 Acq On : 11 Jan 2024 13:14
 Operator : CG\JU
 Sample : PB158353BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158353BL

Quant Time: Jan 11 14:05:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	63830	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	248985	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	133862	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	267313	20.000	ng	0.00
76) Chrysene-d12	13.974	240	156248	20.000	ng	0.00
86) Perylene-d12	15.468	264	129250	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	555841	135.872	ng	0.02
7) Phenol-d6	6.439	99	698042	131.685	ng	0.00
23) Nitrobenzene-d5	7.351	82	409151	84.088	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	201756	127.975	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	865362	86.948	ng	-0.01
79) Terphenyl-d14	12.916	244	965029	86.311	ng	0.00

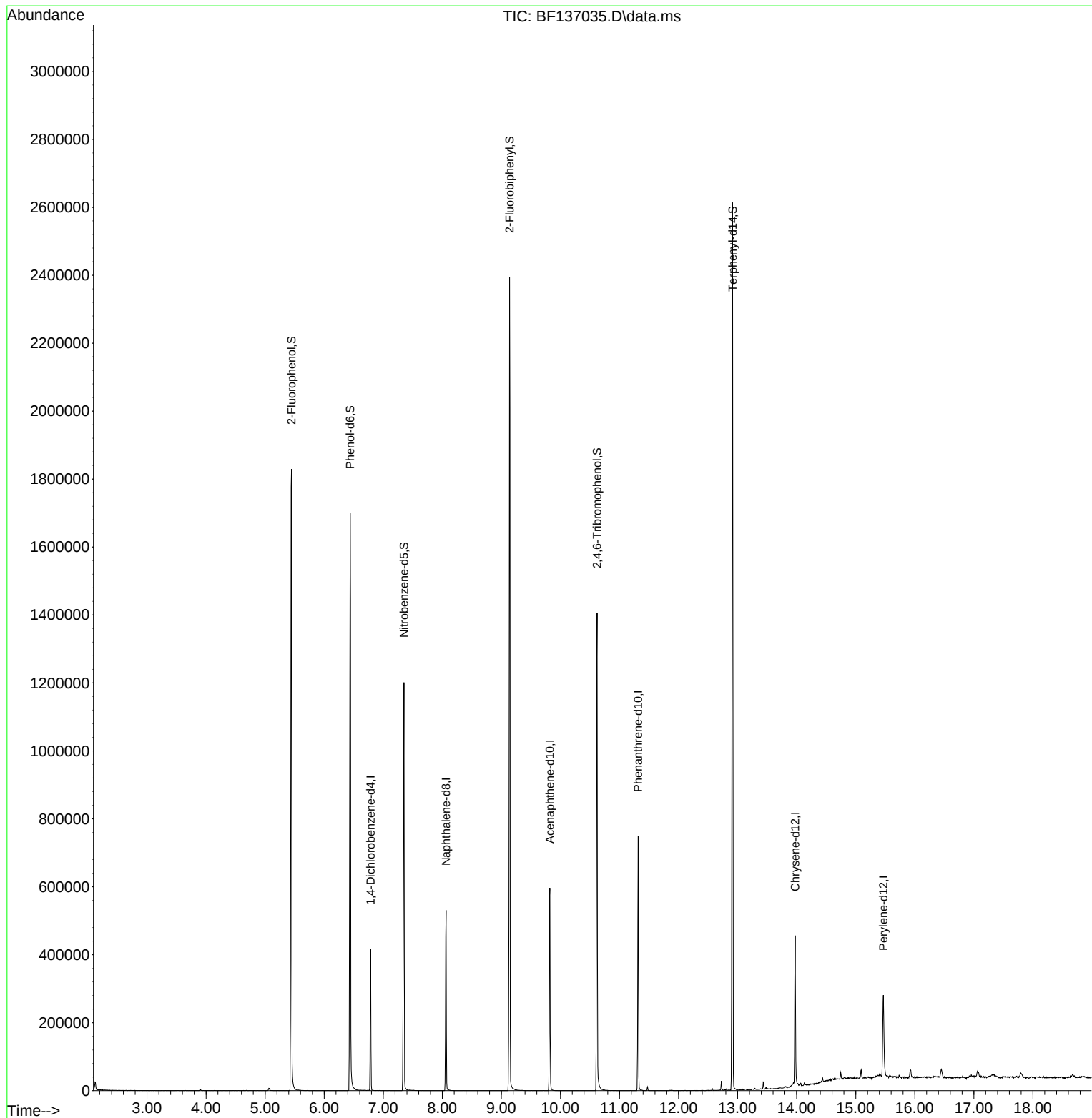
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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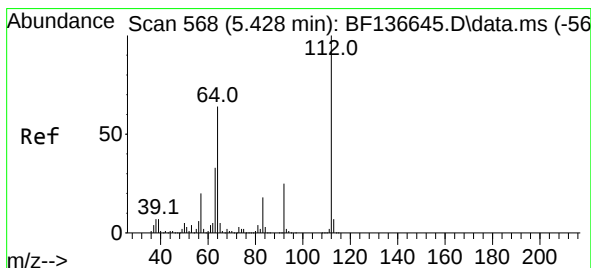
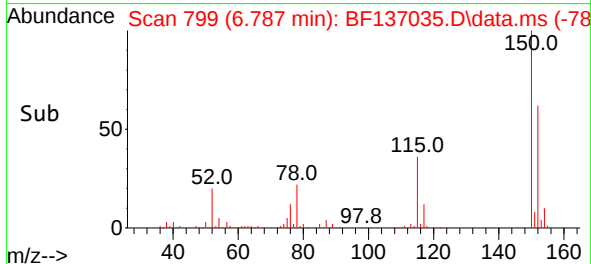
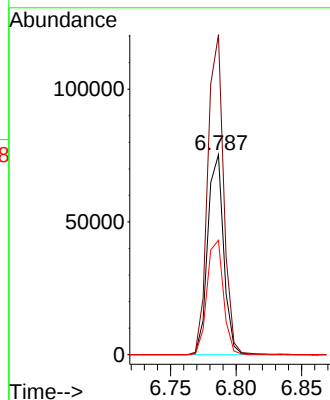
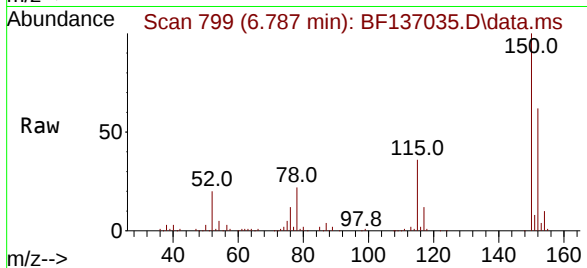




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137035.D
Acq: 11 Jan 2024 13:14

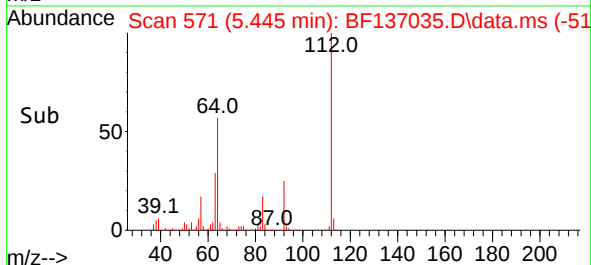
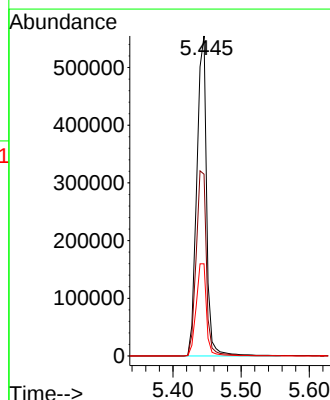
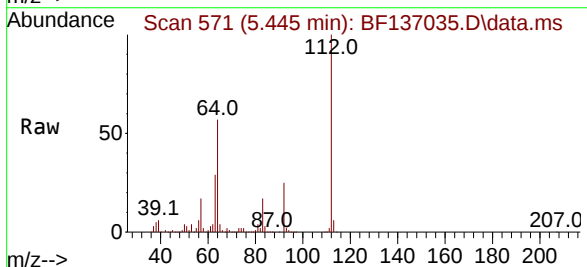
Instrument :
BNA_F
ClientSampleId :
PB158353BL

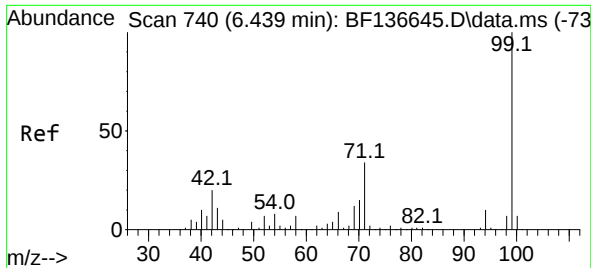
Tgt Ion:152 Resp: 63830
Ion Ratio Lower Upper
152 100
150 160.0 127.0 190.6
115 57.2 49.0 73.4



#5
2-Fluorophenol
Concen: 135.872 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF137035.D
Acq: 11 Jan 2024 13:14

Tgt Ion:112 Resp: 555841
Ion Ratio Lower Upper
112 100
64 56.8 51.1 76.7
63 28.8 26.1 39.1

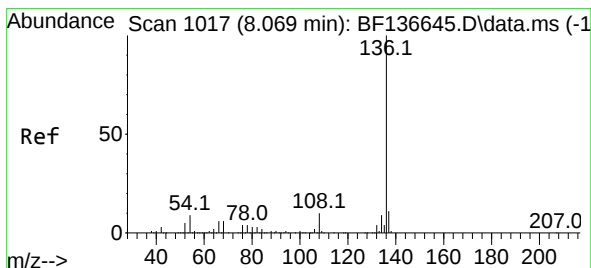
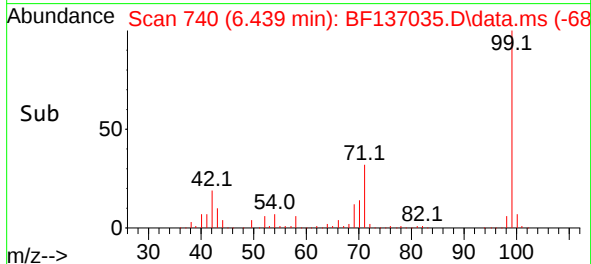
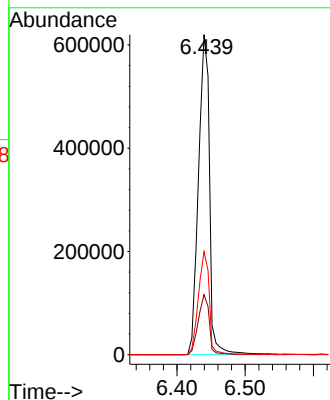
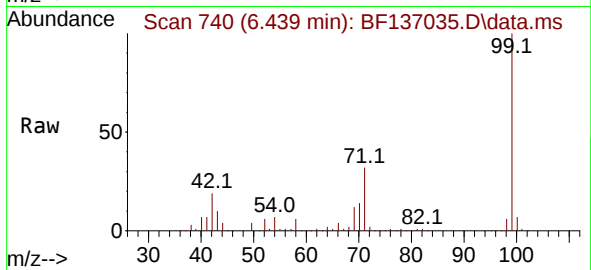




#7
Phenol-d6
Concen: 131.685 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF137035.D
Acq: 11 Jan 2024 13:14

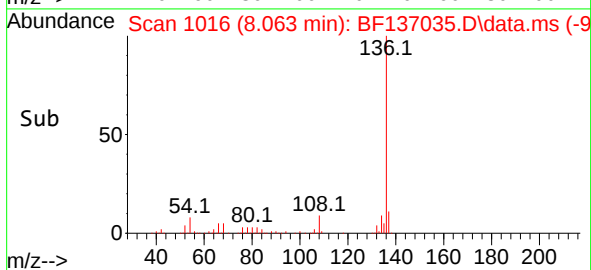
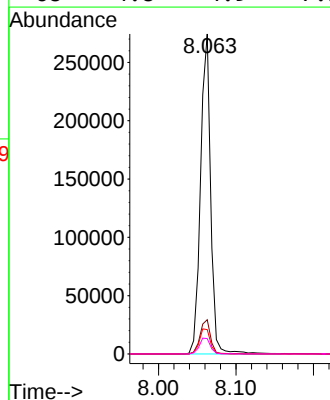
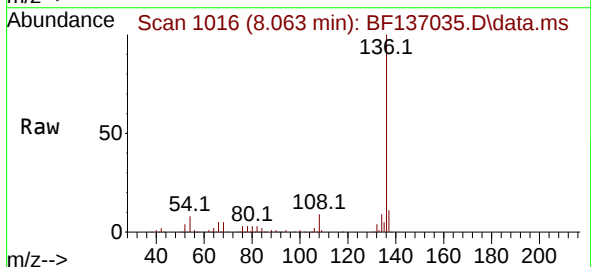
Instrument :
BNA_F
ClientSampleId :
PB158353BL

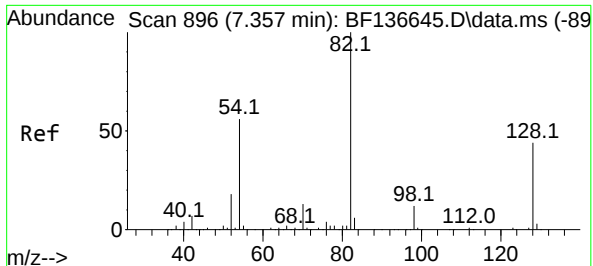
Tgt Ion: 99 Resp: 698042
Ion Ratio Lower Upper
99 100
42 18.8 16.1 24.1
71 32.2 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137035.D
Acq: 11 Jan 2024 13:14

Tgt Ion: 136 Resp: 248985
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 7.6 7.2 10.8
68 4.8 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 84.088 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF137035.D

Acq: 11 Jan 2024 13:14

Instrument :

BNA_F

ClientSampleId :

PB158353BL

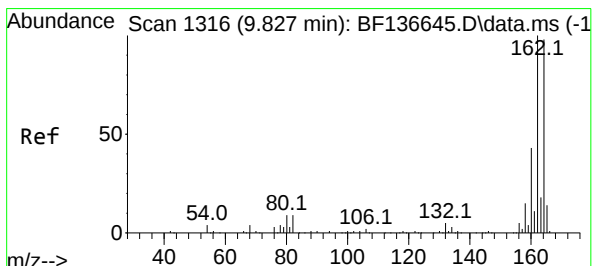
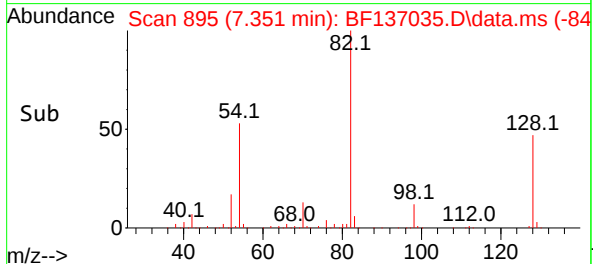
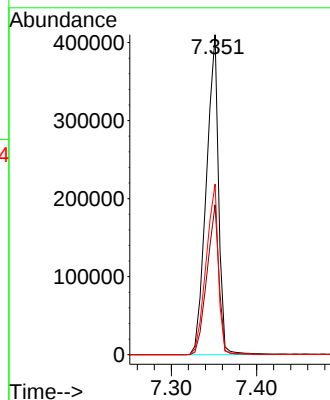
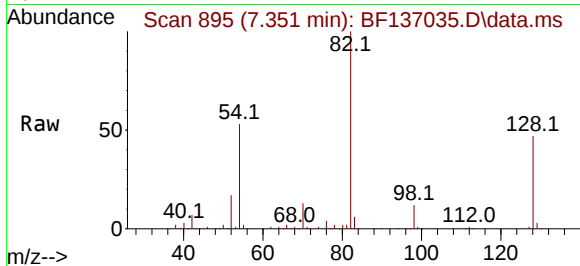
Tgt Ion: 82 Resp: 409151

Ion Ratio Lower Upper

82 100

128 46.9 35.3 52.9

54 53.3 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF137035.D

Acq: 11 Jan 2024 13:14

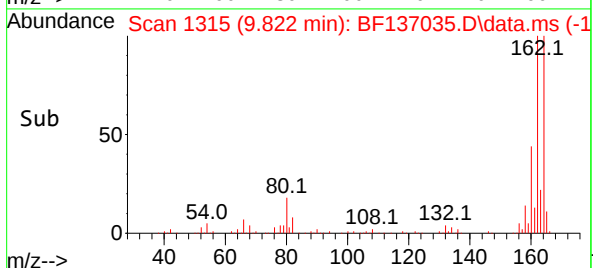
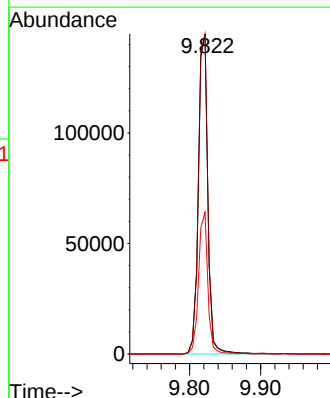
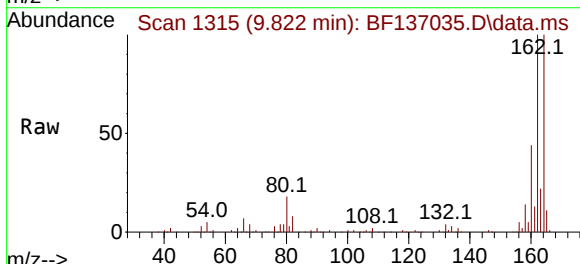
Tgt Ion:164 Resp: 133862

Ion Ratio Lower Upper

164 100

162 100.0 81.6 122.4

160 44.3 34.9 52.3

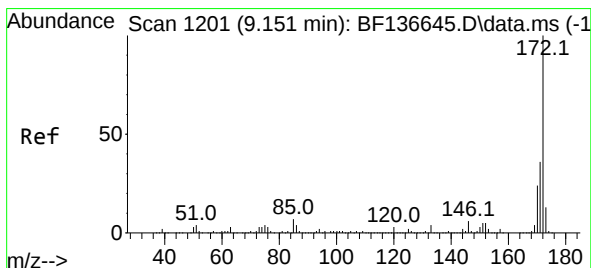
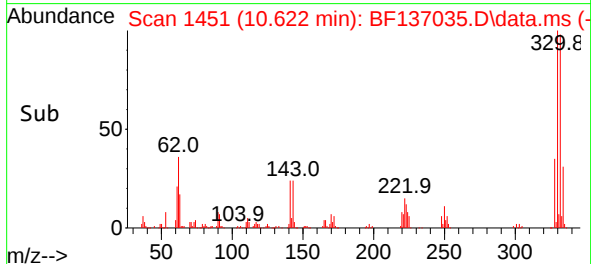
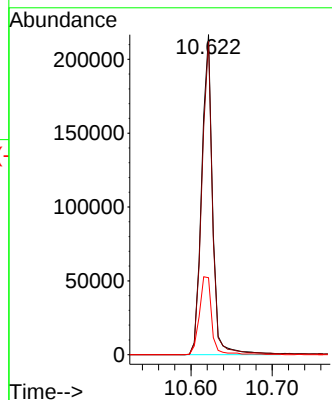
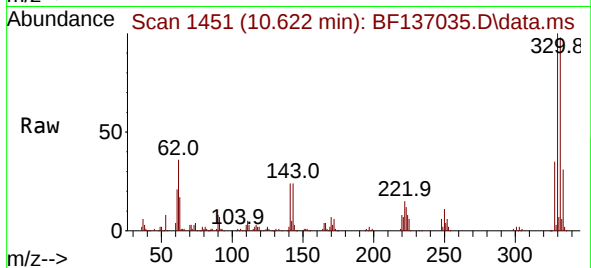




#42
2,4,6-Tribromophenol
Concen: 127.975 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137035.D
Acq: 11 Jan 2024 13:14

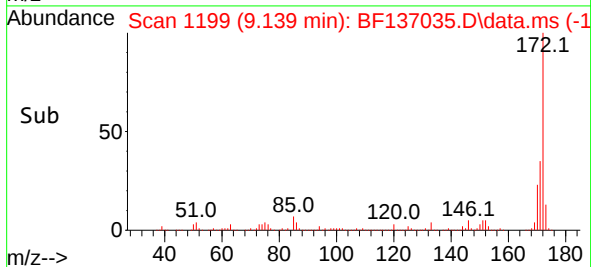
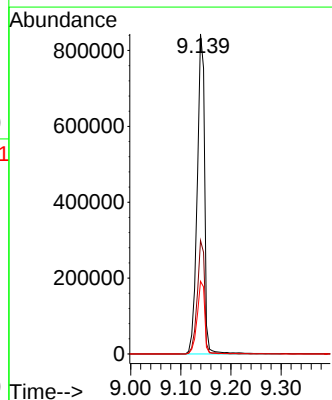
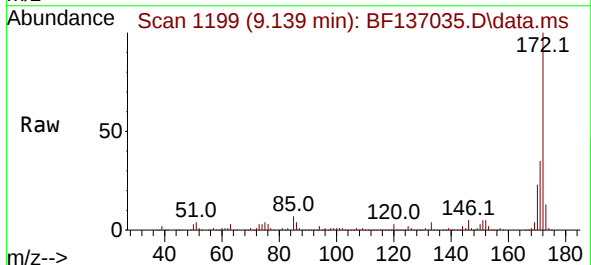
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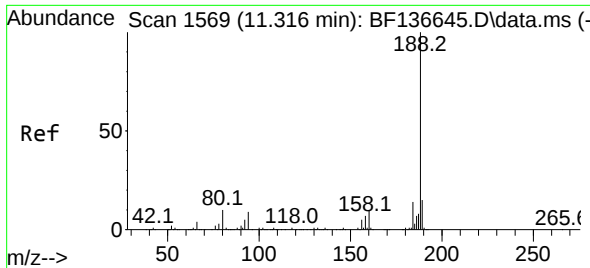
Tgt Ion:330 Resp: 201756
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 27.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 86.948 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137035.D
Acq: 11 Jan 2024 13:14

Tgt Ion:172 Resp: 865362
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 22.7 19.0 28.4

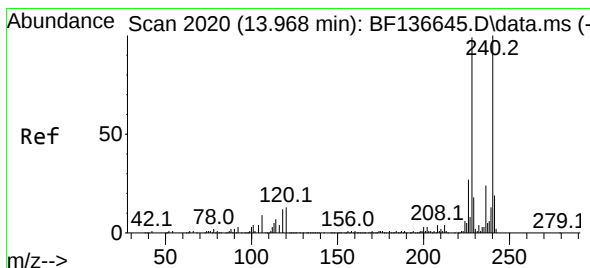
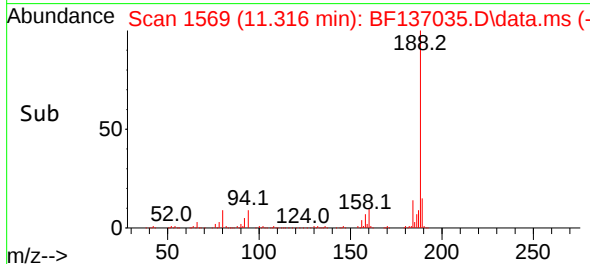
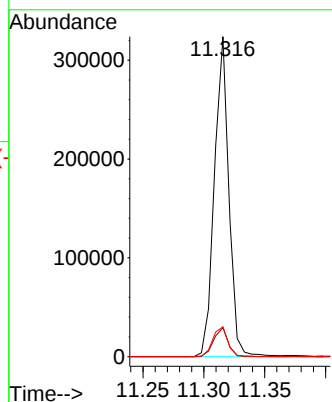
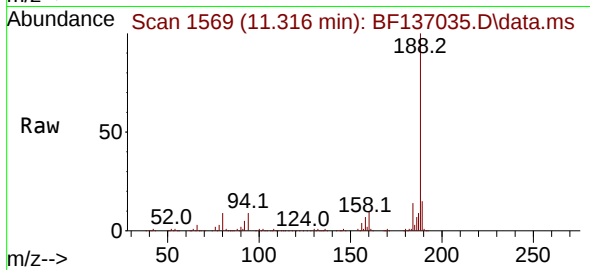




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF137035.D
Acq: 11 Jan 2024 13:14

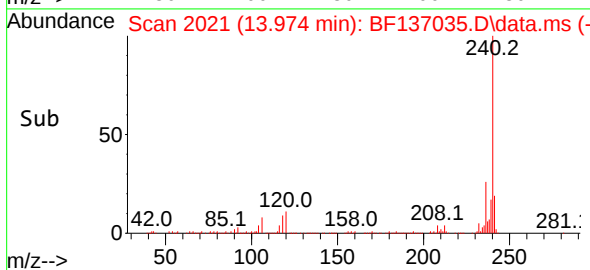
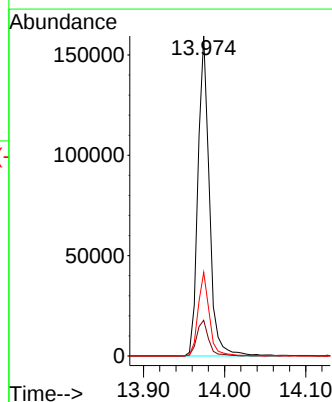
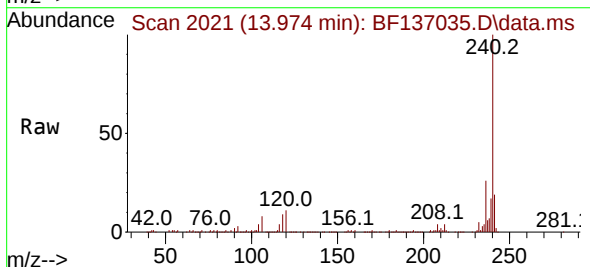
Instrument :
BNA_F
ClientSampleId :
PB158353BL

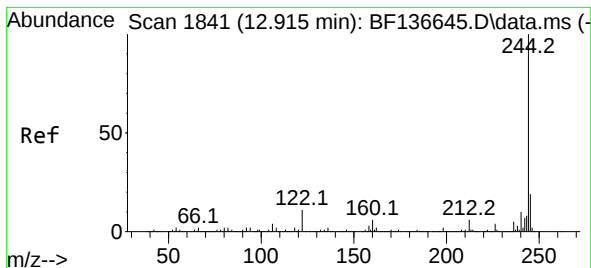
Tgt Ion:188 Resp: 267313
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.3 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137035.D
Acq: 11 Jan 2024 13:14

Tgt Ion:240 Resp: 156248
Ion Ratio Lower Upper
240 100
120 11.2 10.3 15.5
236 26.2 19.4 29.2





#79

Terphenyl-d14

Concen: 86.311 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF137035.D

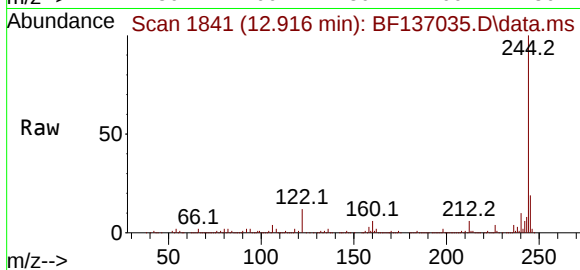
Acq: 11 Jan 2024 13:14

Instrument :

BNA_F

ClientSampleId :

PB158353BL



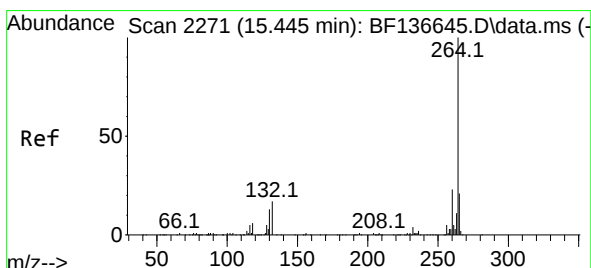
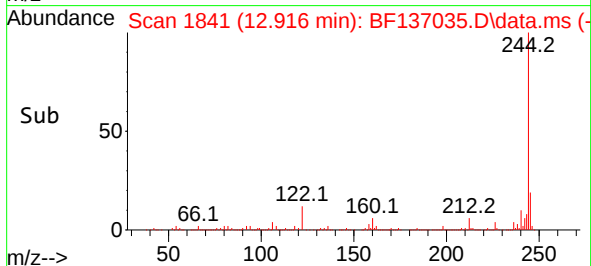
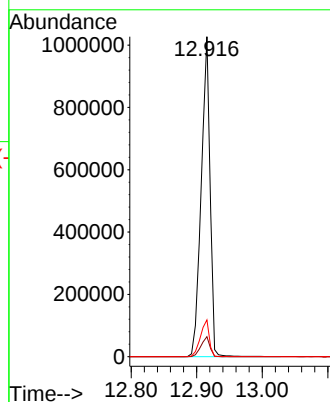
Tgt Ion:244 Resp: 965029

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 11.5 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. 0.024 min

Lab File: BF137035.D

Acq: 11 Jan 2024 13:14

Tgt Ion:264 Resp: 129250

Ion Ratio Lower Upper

264 100

260 22.3 18.3 27.5

265 20.4 17.0 25.6

